

Attorney Docket No.: 320727.00201

Customer No. 27160

U.S. Patent Application No.

10/620,433

HOV 0 2 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

John W. LUDLOW et al.

Group Art Unit: 1632

Application No.: 10/620,433

Examiner: Not Yet Assigned

Filed: July 17, 2003

Confirmation No.: Not Yet Assigned

For:

METHOD FOR OBTAINING VIABLE :

Atty. Dkt. No.: 320727.00201

HUMAN CELLS, INCLUDING

HEPATIC STEM/PROGENITOR CELLS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 November 2, 2004

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Forms PTO/SB/08A and PTO/SB/08B. In accordance with current practice, copies of any listed U.S. Patent Documents are not being provided.

FORMAL MATTERS

In accordance with 37 C.F.R. § 1.97(b)(3), since a first Official Action on the merits of the subject application has not yet been issued, neither a certificate, petition nor payment of a fee is believed to be required for this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 50-1710.

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CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Forms PTO/SB/08A and PTO/SB/08B be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

Gilberto M. Villacorta, Ph.D. Registration No. 34,038

Sunit Talapatra, Ph.D.

Registration No. 54,482

Patent Administrator KATTEN MUCHIN ZAVIS ROSENMAN 525 West Monroe Street, Suite 1600 Chicago, Illinois 60661-3963 (202) 625-3500

320727.00201

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB on rotation Complete if Known Substitute for form 1449/PTO **Application Number** 10/620,433 HOV 0 2 2004 Filing Date July 17, 2000 John W. LUDLOW July 17, 2003 INFORMATION DISCLOSURE First Named Inventor STATEMENT BY APPLICANT Art Unit PADEMA (Use as many sheets as necessary) **Examiner Name** Not Yet Assigned

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of

Attorney Docket Number

Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	^{US-} 4,683,195	07/28/1987	MULLIS et al.	
	2	^{US-} 5,559,022	09/24/1996	NAUGHTON et al.	
	3	US- 4,298,002	11/03/1981	RONEL et al.	
	4	^{US-} 5,308,701 US-	05/03/1994	COHEN et al.	
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		FORE	IGN PATENT DOCL	JMENTS		
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Application Number	10/620,433		
			CLOSURE	Filing Date	July 17, 2003		
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	John W. LUDLOW		
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Sheet	2	of	4	Attorney Docket Number 320727.00201			

			NON PATENT LITERATURE DOCUMENTS	
Exam Initial		Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
7	ئو	6	Kubota H and Reid LM. 2000, "Clonogenic hepatoblasts, common precursors for hepatocytic and biliary lineages, are lacking classical major histocompatibility complex class I antigen", Proceedings of the National Academy of Sciences (USA) 97: 12132-12137.	~
		7	Strom SC, Chowdhury JR, and Fox IJ. 1999, "Hepatocyte transplantation for the treatment of human disease (Review)", Seminars in Liver Disease 19: 39-48.	•
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		10	Wilson et al., 1990, "Temporary Amelioration of Hyperlipidemia in Low Density Lipoprotein Receptor-Deficient Rabbits Transplanted with Genetically Modified Hepatocytes", Proceedings of the National Academy of Sciences USA 87:8437.	~
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Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	Τ
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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Sheet	4	of	4	Attorney Docket Number	320727.00201

		NON DATENITA VICEDATIVE DOCUMENTO	
Examiner Initials*	Cite No.1	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
2	26	Hartman & Mulligan, 1988, "Two Dominant-acting Selectable Markers for Gene Transfer Studies in Mammalian Cells", Proc. Natl. Acad. Sci. USA 85:8047.	~
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